In 2018 the team designed and tested with Dynamic Contingency Analysis Tool (DCAT) novel algorithms for voltage stability based on convex restrictions, convex relaxations, and machine learning methods. In our experiments, we figured out that the performance of novel methods is better than the one for the state-of-the-art algorithms. Based on these results, we have submitted two technical reports to DOE ("Demonstration of Emergency Control Methods for Voltage Stability", "Road Map for Emergency Control of Electric Power Systems"), more than five peer-reviewed publications, and several contributed talks.